

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-12. Cancelled

13. (Original) A fuel vapor leakage inspection apparatus comprising:
pressure means for pressurizing or depressurizing a fuel vapor path and a reference orifice serving as a reference for determining leakage from the fuel vapor path, the fuel vapor path being formed from a fuel tank through an adsorption container to an exhaust device, while the exhaust device is blocking communication between the adsorption container and an intake pipe;

pressure measurement means for measuring pressure in the reference orifice and the fuel vapor path; and

control means for measuring a path pressure in the fuel vapor path pressurized or depressurized by the pressure means with the pressure measurement means after measurement of a first reference orifice pressure in the reference orifice pressurized or depressurized by the pressure means with the pressure measurement means to compare the first reference orifice pressure and the path pressure with each other to determine the leakage from the fuel vapor path,

wherein the pressure measurement means measures a second reference orifice pressure of the reference orifice pressurized or depressurized again by the pressure means in the case where there is a possibility that leakage occurs from the fuel vapor path as a result of comparison between the first reference orifice pressure and the path pressure by the control means, and the

control means stops the leakage determination of the fuel vapor path if the amount of a change in pressure between the first reference pressure and the second reference orifice pressure is a predetermined value or larger.

14. (Original) A fuel vapor leakage inspection apparatus for inspecting leakage of a fuel vapor in a fuel vapor processing system, the fuel vapor leakage inspection apparatus comprising:

pressure means for pressurizing or depressurizing a fuel vapor path and a reference orifice serving as a reference for determining leakage from the fuel vapor path, wherein the fuel vapor path is formed from a fuel tank through an adsorption container to an exhaust device, while the exhaust device is blocking communication between the adsorption container and an intake pipe;

pressure measurement means for measuring pressures in the reference orifice and the fuel vapor path; and

control means for measuring a path pressure in the fuel vapor path pressurized or depressurized by the pressure means with the pressure measurement means after measurement of a first reference orifice pressure in the reference orifice pressurized or depressurized by the pressure means with the pressure measurement means to compare the first reference orifice pressure and the path pressure with each other to determine leakage from the fuel vapor path,

wherein the pressure measurement means measures a second reference orifice pressure in the reference orifice pressurized or depressurized again by the pressure means in a case where there is a possibility that leakage occurs from the fuel vapor path as a result of comparison between the first reference orifice pressure and the path pressure by the control means, and the

control means corrects the path pressure in accordance with the amount of a change in pressure between the first reference orifice pressure and the second reference orifice pressure so as to determine leakage from the fuel vapor path.

15-20. Cancelled.

21. (New) The fuel vapor leakage inspection apparatus according to claim 13, further comprising:

calculation means for calculating an amount of fuel vapor adsorbed by the adsorbent, wherein the control means determines whether or not to operate the pressure means to execute leakage inspection for the fuel vapor path in accordance with the amount of the fuel vapor calculated by the calculation means.

22. (New) The fuel vapor leakage inspection apparatus according to claim 13, further comprising:

fuel feeding detection means for detecting fuel feeding to the fuel tank, wherein the control means stops leakage inspection when the fuel-feeding detection means detects the fuel feeding to the fuel tank.

23. (New) The fuel vapor leakage inspection apparatus according to claim 13, further comprising:

a throttle device, wherein the throttle device is provided in the intake pipe;
an intake adsorbent for adsorbing the fuel vapor, wherein the intake adsorbent is provided upstream of the throttle device; and

a connection pipe for connecting the intake pipe positioned between the intake adsorbent and a combustion chamber of an internal combustion engine, and an atmosphere side of the pressure means with each other.

24. (New) The fuel vapor leakage inspection apparatus according to claim 13, further comprising:

a sealed container connected to an atmosphere side of the pressure means.

25. (New) The fuel vapor leakage inspection apparatus according to claim 14, further comprising:

calculation means for calculating an amount of fuel vapor adsorbed by the adsorbent, wherein the control means determines whether or not to operate the pressure means to execute leakage inspection for the fuel vapor path in accordance with the amount of the fuel vapor calculated by the calculation means.

26. (New) The fuel vapor leakage inspection apparatus according to claim 14, further comprising:

fuel feeding detection means for detecting fuel feeding to the fuel tank, wherein the control means stops leakage inspection when the fuel-feeding detection means detects the fuel feeding to the fuel tank.

27. (New) The fuel vapor leakage inspection apparatus according to claim 14, further comprising:

a throttle device, wherein the throttle device is provided in the intake pipe;

an intake adsorbent for adsorbing the fuel vapor, wherein the intake adsorbent is provided upstream of the throttle device; and

a connection pipe for connecting the intake pipe positioned between the intake adsorbent and a combustion chamber of an internal combustion engine, and an atmosphere side of the pressure means with each other.

28. (New) The fuel vapor leakage inspection apparatus according to claim 14, further comprising:

a sealed container connected to an atmosphere side of the pressure means.